

Recovery Plan Action Status

Plan Name: South Florida Multi-Species Recovery Plan (68 spp.)

Plan Status: Final

Plan Date: 18-May-99

Lead Agency: USFWS

Lead Office: South Florida Ecological Services Field Office

(772)
562-3909)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Avon Park harebells (Crotalaria avonensis)	2	crav-h1.1	Secure habitat through acquisition, landowner agreements, and conservation easements.	Partially Complete	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Local Governments, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Non-governmental organizations, Florida Division of Forestry, Florida Department of Agriculture and Consumer Services, South Florida county parks, South Florida state parks	Acquisition	Labor type not yet selected	Cost dependent upon specific site and amount of land acquired. Action lead(s): FWS
Avon Park harebells (Crotalaria avonensis)	2	crav-h1.2.1	Conduct prescribed burns.	Ongoing Current	FY 2000 - FY 2004		Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Florida Division of Forestry	Work type not yet selected	Labor type not yet selected	Cost is per acre (ex. 1/acre); Total cost dependent upon number of acres burned. Action lead(s): FWC, DOF
Avon Park harebells (Crotalaria avonensis)	3	crav-h1.2.2	Control and eliminate exotic and invasive plants and animals.	Ongoing Current	FY 2000 - FY 2004		Florida Department of Environmental Protection, Florida Department of Transportation, Florida Fish and Wildlife Conservation Commission, Non-governmental organizations, Florida Division of Forestry, Water Management Districts	Work type not yet selected	Labor type not yet selected	Cost is per acre (ex. 2/acre); Total cost dependent upon number of acres infected with exotics. Action lead(s): FWC

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Avon Park harebells (Crotalaria avonensis)	3	crav-h1.2.3	Evaluate the effects of off-road vehicles on sensitive lands and limit access where damage to the habitat is documented.	Partially Complete			Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Florida Division of Forestry, Private industry, landowners, etc.	Work type not yet selected	Labor type not yet selected	Action lead(s): FWC, private
Avon Park harebells (Crotalaria avonensis)	3	crav-h1.2.4	Restore areas to suitable habitat.	Not Started			Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission	Work type not yet selected	Labor type not yet selected	Cost is per acre (ex. 1/acre); Total cost dependent upon number of acres restored. Action lead(s): FWS
Avon Park harebells (Crotalaria avonensis)	3	crav-h1.2.5	Monitor habitat/ecological processes.	Ongoing Current	FY 2000 - FY 2004		Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Florida Division of Forestry, Private industry, landowners, etc.	Work type not yet selected	Labor type not yet selected	Action lead(s): FWC, private
Avon Park harebells (Crotalaria avonensis)	3	crav-h2.0	Provide public information about scrub and its unique biota.	Ongoing Current	FY 1995 - FY 1999		Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Non-governmental organizations, Florida Division of Forestry	Work type not yet selected	Labor type not yet selected	Action lead(s): FWS, NGO, private
Avon Park harebells (Crotalaria avonensis)	1	crav-s1.0	Determine current distribution of Avon Park harebells in Polk and Highlands Counties.	Complete		FY 2010	Florida Natural Areas Inventory	Work type not yet selected	Labor type not yet selected	Action lead(s): FNAI
Avon Park harebells (Crotalaria avonensis)	2	crav-s2.1	Protect populations on public lands.	Ongoing Current	FY 2007		Florida Fish and Wildlife Conservation Commission, Florida Division of Forestry, Private industry, landowners, etc.	Work type not yet selected	Labor type not yet selected	Cost dependent upon type of protection provided. Action lead(s): FWC
Avon Park harebells (Crotalaria avonensis)	2	crav-s2.2	Continue ex situ conservation.	Ongoing Current			Private industry, landowners, etc.	Work type not yet selected	Labor type not yet selected	Currently in Bok's collection. Action lead(s): private

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Avon Park harebells (Crotalaria avonensis)	1	crav-s2.3	Conserve germ plasm.	Ongoing Current			Private industry, landowners, etc.	Work type not yet selected	Labor type not yet selected	Currently in Bok's collection. Action lead(s): private
Avon Park harebells (Crotalaria avonensis)	2	crav-s2.4.1	Initiate section 7 consultation when applicable.	Ongoing Current	Prior to FY 1995		U.S. Bureau of Land Management, U.S. Department of Agriculture, U.S. Geological Survey, Biological Resources Division, U.S. Geological Survey, U.S. Environmental Protection Agency, U.S. Army Corps of Engineers, Natural Resources Conservation Service, United States Coast Guard, U.S. Air Force	Work type not yet selected	Labor type not yet selected	Cost included in standard operating procedures of Federal agency's budget. Action lead(s): All Federal agencies
Avon Park harebells (Crotalaria avonensis)	3	crav-s2.4.2	Encourage implementation of management plans.	Ongoing Current	FY 2000 - FY 2004		Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Florida Division of Forestry	Work type not yet selected	Labor type not yet selected	Task currently implemented and cost is included in responsible agency's budget. Action lead(s): FWS
Avon Park harebells (Crotalaria avonensis)	3	crav-s2.4.3	Continue to enforce take and trade prohibitions.	Ongoing Current	Prior to FY 1995		Florida Department of Agriculture and Consumer Services/Division of Plant Industry	Work type not yet selected	Labor type not yet selected	Cost included in standard operating budgets of participating agencies. Action lead(s): FWS, FDACS/DPI
Avon Park harebells (Crotalaria avonensis)	2	crav-s3.1	Continue research to determine species demographics.	Ongoing Current			Private industry, landowners, etc.	Work type not yet selected	Labor type not yet selected	Action lead(s): private
Avon Park harebells (Crotalaria avonensis)	2	crav-s3.2	Develop population viability and risk assessment.	Not Started			Private industry, landowners, etc., Public and private universities	Work type not yet selected	Labor type not yet selected	Action lead(s): private, universities
Avon Park harebells (Crotalaria avonensis)	2	crav-s3.3	Conduct research to assess management requirements of Avon Park harebells.	Partially Complete	FY 2007		Non-governmental organizations	Work type not yet selected	Labor type not yet selected	Action lead(s): private
Avon Park harebells (Crotalaria avonensis)	2	crav-s4.1	Collect existing and historical data and place in a central location.	Complete		FY 2010	Non-governmental organizations, Florida Natural Areas Inventory	Work type not yet selected	Labor type not yet selected	Action lead(s): FWS, FNAI, private

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Avon Park harebells (Crotalaria avonensis)	3	crav-s5.0	Provide public information about Avon Park harebells.	Ongoing Current	FY 2007		Florida Fish and Wildlife Conservation Commission, Non-governmental organizations	Work type not yet selected	Labor type not yet selected	Action lead(s): FWS, private
Avon Park harebells (Crotalaria avonensis)	3	crav-s6.0	Establish reclassification criteria.	Not Started			Florida Department of Environmental Protection, Non-governmental organizations	Work type not yet selected	Labor type not yet selected	Action lead(s): FWS